

SCDXC Newsletter



The Southern California DX Club is a group of dedicated men and women active in the amateur radio community who enjoy communicating over the air with other radio amateurs around the world.

The SCDXC strongly supports the DX Code of Conduct. Please visit their website:

www.dx-code.org

The SCDXC newsletter is published monthly and released to club members around the first of each month. Amateur and DX related letters, news and pictures are welcome and will be published as time and space permit.

Articles will be republished with recognition of the author and the club. Re-use of copyrighted materials require the original author's permission.

Any questions regarding this newsletter or its articles should be addressed to the Editor, Bill, N6RV at:

n6rv@scdxc.org

Club meetings are held on the second Thursday of the month at 7:00 PM except April, June, and December.

Please check the club web site for events and details at:

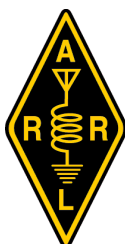
<http://www.scdxc.org>

If you are in the area please say hello on our repeater:

W6AM/R 145.48, (-) PL 100.0

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*If you need him
get in there and*



Announcements

Ron Camp, K6EVR SK

Longtime past member of the SCDXC and SCDXC president (1964) -- K6EVR -- passed away on 01/31/23 in Arcadia. Ron was on the DXCC Honor Roll and won a few DX contests during his life.

Dennis Dinga, N6DD, called me regarding this news. He shared several stories about Ron and his role in the club in the 60's and 70's. Ron was very active. Some may recall that he had a telephone pole in his yard with a big yagi. He fell off it back then severely injured his back.

He attended the 2013 Summer Bash at Glenn's, K6NA, house. There was a table with many SCDXC old timers who were reminiscing about the early days of the club.



Final Notice 2023 Membership Dues!

It is time to pay your 2023 membership dues! We will purge all non-paying members soon.

Here is the list of members who paid their 2022 dues and have not yet paid for 2023. If you are on this list and paid please let the treasurer know ASAP. If you do not know if you paid contact us! You still may not have paid if you did not pay 2022 dues!

AC6MW	K6GXO	K6VC	KJ6HZ	N6YQ	W6VNI	WU6D
AI6Z	K6LAC	KA6DOW	KJ6WZE	W6GEZ	W6VX	
K6DAH	K6MKL	KA6TTV	KN6STS	W6IW	W6YLZ	
K6FG	K6PGH	KJ6CPH	N6ESG	W6KK	WA6HXM	

treasurer@scdxc.org

Please mail your check to the treasurer, N6RV, address is on QRZ.com, or use the website below:

<http://www.scdxc.org/membership.html>

Announcements

We Are Live! The March General Meeting March 9, 2023 7:00 PM PST At WEMS

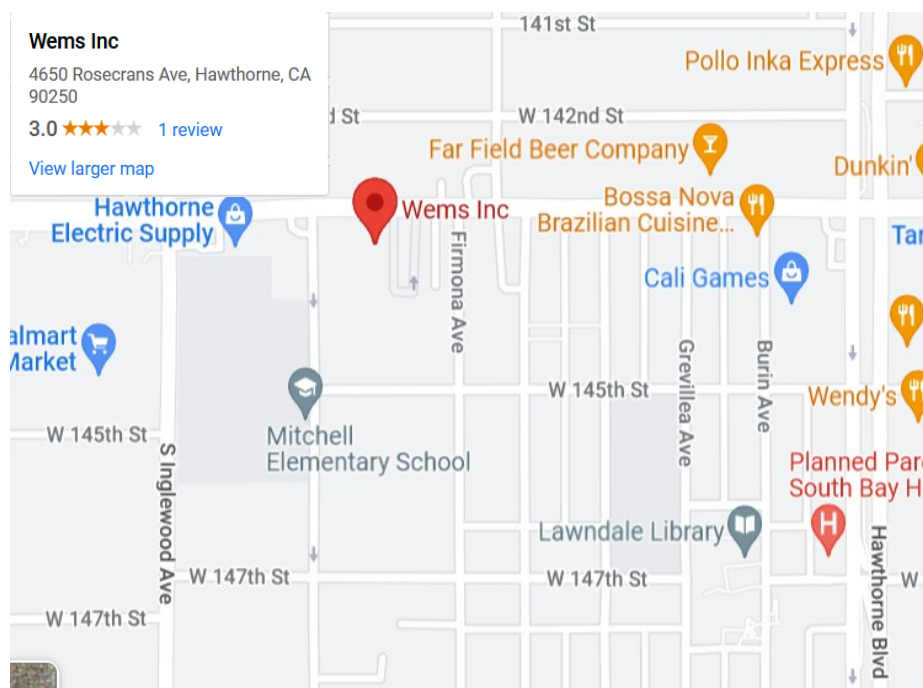
Presentation : 21st Century Propagation Test Tools
Dennis Kidder, W6DQ



Come Join Us!

We will also stream the meeting on Zoom You can watch at the link below:

[SCDXC Club Meeting](#)



**2023
Board of Directors**

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John Schroeder, N6QQ

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From the Desk of the President John Schroeder, N6QQ

Greetings! Welcome to our March 9th meeting.

This will conclude a full year of FACE-TO-FACE meetings.

The 74th International DX Convention is coming up in April. The Attendees has gone up to 307 (as of Feb. 22) Looks good for the convention. The Grand Prize will be a Elecraft K4D Transceiver. Advance Tickets sale -- you can order packet of 24 tickets for \$20. You can order by Credit card by phone - or you can mail in a check. By law tickets cannot be ordered email or on the web.

Please note, there will not be SCDXC meeting for April. We are all going to attend the IDXC!

The bands are doing great. The ARRL DX CW contest scores where very high. 10 meters was packed with Europeans, Africans, and the Middle East. 20 meters was open to Europe throughout the whole contest. 15 meters was blazing hot! The SFI was at 346.

Looking forward to seeing you at our March meeting.

**73 de John, N6QQ
President, SCDXC**

N6QQ@scdxc.org



March Calendar

March 4	ARRL International DX Contest SSB
March 9	Club Meeting (WEMS)
March 11	CQWW RTTY WPX Contest
March 18	Russian DX Contest
March 25	CQ WW WPX Contest SSB

For more contest Info see:

<http://www.hornucopia.com/contestcal/contestcal.html>

VP Corner March 2023

Howard Elovitz, W6FL

Bouvet

Against extremely difficult conditions, the Bouvet team activated Bouvet Island and made 19,000 QSOs. A significant number of contacts were ATNO. I was fortunate to work them for an ATNO.

March Meeting

For our March 9th meeting, Dennis Kidder W6DQ will be our presenter. W6DQ follows: Dennis, W6DQ, began his foray into Amateur Radio back in the 60's with the help of one of SCDXC's Charter Members, Bob Martin, W6QJU. Going from his Novice (WN6NIA) to his Advanced (WA6NIA) in short order, he eventually got his Amateur Extra and settled on the call of one of his Elmers (another SCDXC'er) Chek Titcomb, W6DQ.

Dennis' interests in Amateur Radio are many, including propagation and improving how he radiates his signals. Following retirement from a long career as a System Engineer, he, along with his wife Lisa, KF6QNG, moved to the California High Desert town of Inyokern. There he is able to steadily increase his presence on the Ether ... with 5 acres to raise antennas and a 1500 square foot radio shack! At various times, Dennis has been found from 160 meters all the way up to 24 GHz.

Title / Description of Presentation

Can Anybody Hear Me?

How do we determine how well our Amateur Radio "System" is actually working? Counting the Q's is one way. How well we do in a pile-up is another. But these are subjective. What about some 'real-world' empirical measurements? How can we accomplish this?

We will present various tools that exist and are freely available to see just how well you are getting out, to virtually any inhabited location on the planet (well, almost). These are freely available for use literally all the time.

Till next month, Best of DX

73 and Good DXing!
Howard, W6FL

W6FL@scdxc.org

The Barry Goldwater, K7UGA, Gang
at his station in the 60's



Every DXpedition is the WORST EVER....

UNTIL IT'S IN YOUR LOG

Rumors on the Band

Having two rare entities on in the same month was a real treat! Thierry, FT8WW, has been given permission to operate again. Do to great difficulty the 3Y0J DXpeditions had to pare back their operations. Even then they made 18,000 QSOs. See write near the back of the newsletter.

QTH	Call	Start Date	End Date	Information
Crozet	FT8WW	Now	17-Mar	F6CUK FT8 CW
Agalega	3B7M	Now	5-Mar	OK Group 160-6m CW SSB FT8 RTTY
San Andres	5J0EA	Now	7-Mar	HK3EA (5J0EA) HK3MKQ (5K0VT) HF
Solomon Is	H44MS	Now	30-Apr	DL2GAC HF SSB
Gambia	C5C	Now	14-Mar	F5NVF F5RAV 80-6m SSB CW Digi
Galapagos Isl	HD8M	1-Mar	11-Mar	WB2REM KE2RD VO1IDX K4LT 160--6m CW SSB FT8 FT4
Andaman Isl	VU4T	2-Mar	5-Mar	VU3HPF VU2JXN 40-10m CW SSB
Comoros	D67X	9-Mar	22-Mar	JF1OCQ 160-10m CW SSB FT8
Sable Isl	CY0S	20-Mar	29-Mar	DXpedition 160-2m CW SSB FT8 RTTY
St. Eustatius	PJ5/W5JON	28-Mar	4-Apr	W5JON 80-6m SSB FT8

ClubLog Top 50 Most Wanted Entities

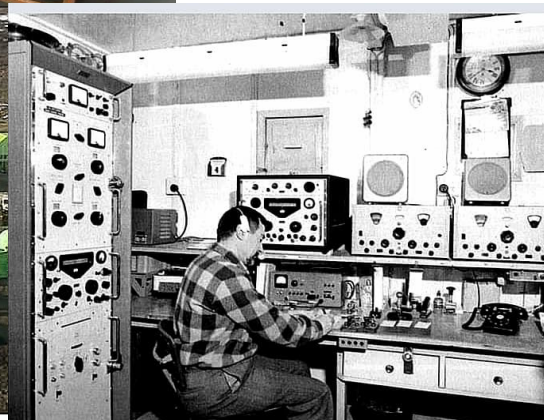
- 1 P5 DPRK (NORTH KOREA)
- 2 3Y/B BOUVET ISLAND
- 3 FT5/W CROZET ISLAND
- 4 BS7H SCARBOROUGH REEF
- 5 CE0X SAN FELIX ISLANDS
- 6 BV9P PRATAS ISLAND
- 7 KH7K KURE ISLAND
- 8 KH3 JOHNSTON ISLAND
- 9 3Y/P PETER 1 ISLAND
- 10 FT/G GLORIOSO ISLAND
- 11 FT5/X KERGUELEN ISLAND
- 12 YV0 AVES ISLAND
- 13 VK0M MACQUARIE ISLAND
- 14 ZS8 PRINCE EDWARD & MARION ISLANDS
- 15 KH4 MIDWAY ISLAND
- 16 PY0S SAINT PETER AND PAUL ROCKS
- 17 PY0T TRINIDADE & MARTIN VAZ ISLANDS
- 18 KP5 DESECHEO ISLAND
- 19 VP8S SOUTH SANDWICH ISLANDS
- 20 KH5 PALMYRA & JARVIS ISLANDS
- 21 ZL9 NEW ZEALAND SUBANTARCTIC ISLANDS
- 22 FK/C CHESTERFIELD IS.
- 23 EZ TURKMENISTAN
- 24 VK0H HEARD ISLAND
- 25 YK SYRIA
- 26 FT/T TROMELIN ISLAND
- 27 ZL8 KERMADEC ISLAND
- 28 JD/M MINAMI TORISHIMA
- 29 KH8/S SWAINS ISLAND
- 30 KH1 BAKER HOWLAND ISLANDS
- 31 XF4 REVILLAGIGEDO
- 32 VP8G SOUTH GEORGIA ISLAND
- 33 KH9 WAKE ISLAND
- 34 SV/A MOUNT ATHOS
- 35 T33 BANABA ISLAND
- 36 VK9M MELLISH REEF
- 37 VK9W WILLIS ISLAND
- 38 T31 CENTRAL KIRIBATI
- 39 FO/C CLIPPERTON ISLAND
- 40 FT/J JUAN DE NOVA, EUROPA
- 41 TI9 COCOS ISLAND
- 42 HK0/M MALPELO ISLAND
- 43 KP1 NAVASSA ISLAND
- 44 ZD9 TRISTAN DA CUNHA & GOUGH ISLANDS
- 45 FT5Z AMSTERDAM & ST PAUL ISLANDS
- 46 H40 TEMOTU PROVINCE
- 47 70 YEMEN
- 48 VP80 SOUTH ORKNEY ISLANDS
- 49 XZ MYANMAR
- 50 CY0 SABLE ISLAND

CADXA Most Wanted DXCC Entities

ClubLog Most Wanted DXCC Ranking



Scott Base (Antarctica) Jan 2006



Scott Base radio in the early 1960s

DX Standings

Thanks to N6WS, and N6RV for their updates!

Send any updates to:

N6RV@SCDXC.org

SCDXC WAZ and DXCC Standings

The first WAZ column is the confirmed zone count on 10 bands 160 - 6 (less 60 meters). The second column is the regular 5BWAZ confirmed count. The following are the codes that follow the two columns and indicate the awards:

M	Mixed
P	Phone
C	CW
R	RTTY

SCDXC Lifetime Standings										WAZ Standings				
Rank	Call	Total	Current	Slots	Rank	Call	Total	Current	Slots	Rank	Call	12B	5B	Awards
1	W6KH	389	340		45	K4SX	333	329	1737	1	N0FW	424	200	M/P/C/R/5
2	JA1BK	383	340	3147	46	W6DR	336	331	1812	2	WA5VGI	413	200	M/P/C/R/5
3	K6YRA	378	340	2777	47	AA6PW	330	330	1766	3	K6ND	411	200	M/5
4	OH2BH	378	340		48	K7MY	322	320	1281	4	N6WS	409	200	M/P/C/R/5
5	N0FW	372	340	2978	49	N6DHZ	316	310	1421	5	W6SR	384	200	M/P/C/5
6	K6YUI	366	340	2598	50	NK6A	316	310	957	6	K6FG	373	200	M/P/C/R/5
7	NS6C	361	340	2592	51	N6GP	314	292	1583	7	SM5GMZ	371	200	M/P/C/5
8	W6SR	359	340	2799	52	N6VNI	312	310	1514	8	W8DX	357	200	M/5
9	K6FG	357	340	2774	53	W6HB	311	311	1029	9	N6AW	355	200	M/P/C/5
10	WA6WZO	357	339		54	N6WT	304	304	1879	10	K6YUI	353	200	M/P/C/R/5
11	N6RV	356	339	2374	55	K6IRD	298	292	649	11	W6RW	344	200	M/P/C/5
12	W6OU	356	337	1599	56	W6ZL	285	289	1057	12	K6YRA	337	200	P/5
13	K6GXD	355	340	2633	57	N6PM	280	280	1861	13	W6VX	352	199	M/P/C
14	K5KT	355	340		58	WA6WXD	274			14	K6GXD	358	198	M
15	W6TJI	355	338		59	N6AA	247	247		15	W6TK	367	198	
16	N6QQ	355	338	2315	60	KQ6K	243	243		16	N6HY	365	196	M/P/C
17	W6IRD	354	338		61	N6VOH	243	222		17	N6RV	380	195	
18	W8DX	353	340	2449	62	N6HE	238	229	746	18	K6RO	368	194	M/P/C
19	N6WS	351	339	2557	63	NE6V	237	213	917	19	A16Z	321	194	
20	W6RW	352	338	2197	64	K6JEY	234	234		20	NS6C	368	193	M/P/C/R/5
21	W6TK	351	340	1781	65	K6AFW	204	204	917	21	KR6C	342	192	
22	N7NR	354	331	1288	66	W6KC	203	202	743	22	N6WT	369	190	
23	W6FL	350	336	1486	67	WB6DJI	200		589	23	N6QQ	320	189	
24	W6KK	349	340	1921	68	N6LL	169	169		24	W6DR	316	186	
25	W6VX	349	339	2772	69	W6GA	168	169		25	N6GP	308	185	
26	N6HC	349	340	2388	70	KC6TOD	166	166		26	W6OU	304	184	
27	KJ6Y	348	340	1312	71	KF6I	166	166	200	27	K4ST	308	183	
28	WA5VGI	348	340	2763	72	KK6M	162	162		28	AA6PW	298	181	
29	K6ND	348	340	2790	73	K7LA	160	160	466	29	N6VNI	291	181	
30	N6IC	347	336		74	K6FOD	154			30	K6SY	299	178	
31	SM5GMZ	346	335	2454	75	W6QE	149	149	365	31	KJ6Y	237	173	
32	KR6C	345	339	2135	76	AB9A	141	141	224	32	N6DHZ	326	169	
33	K6RO	346	338	2256	77	WC2S	139	139		33	N6HE	253	168	
34	N6PEQ	345	338	2030	78	N6CA	133	133	386	34	N6PM	358	187	
35	N6HY	344	337	2424	79	K9TAD	134	134		35	W6ZL	242	166	M/P/C/R
36	A16Z	342	335	2174	80	NZ6L	129	128	158	36	K6JW	244	158	
37	W6SW	339	331	540	81	K6DW	129	129	302	37	NK6A	290	157	
38	K6JW	338	332	1151	82	WD6Y	124	124	274	38	W6KC	217	156	
39	N6MG	338			83	AB6A	109	109	287	39	W6FL	161	153	
40	K4ST	337	333	1843	84	K6BBC	103	103	216	40	NE6V	256	149	
41	K2IXQ	337	332	1774	85	N6YQ	100	100		41	K7MY	213	142	
42	N6MXU	336	331	1416	86	WA6MEM	100	100		42	K6IRD	220	130	
43	K6SY	336	330	1070	87	W6CCC	95	95	211	43	W6SW	154	126	M/P
44	N6AX	336	330	1198	88	K6YIC	43	43	92	44	W6IRD	102	112	
										45	K6VC	145	96	
										46	WD6Y	153	99	
										47	K9TAD	94	81	
										48	K6FOD	33	27	
										49	N6HC	17	13	

061530	-5	0.2	3Y0J	JN1GTG	R-25	
061530	-11	0.3	3Y0J	JE1MGE	R-24	
061545	-17	0.5	VE3GYL	RR73J	WX4G	<3Y0J> -08
061615	-19	0.5	VE3DZ	RR73J	WX4G	<3Y0J> -08
061700	-17	0.3		R U ALL CRAZY		
061715	-17	0.5	RW0CR	RR73J	W0ZAP	<3Y0J> +02
061745	-10	0.5	W0ZAP	RR73J	N6RV	<3Y0J> -08
061815	-14	0.5	N6RV	RR73J	W1SRD	<3Y0J> -08
061830	-10	0.3	3Y0J	W1SRD	R-06	
061845	-13	0.5	W1SRD	RR73J	VE2HJ	<3Y0J> -06
061915	-19	0.5	VE2HJ	3Y0J	-06	
061930	-25	0.3	3Y0J	KK3W	EL96	
061945	-19	0.5	VE2HJ	RR73J	N9SU	<3Y0J> -08
062000	-21	0.2	3Y0J	KK3W	EL96	
062015	-20	0.5	N9SU	RR73J	ND7J	<3Y0J> -04
062030	-12	0.3	3Y0J	JA4DWG	R-26	
062045	-21	0.5	ND7J	RR73J	W7KWS	<3Y0J> -08
062100	1	0.4	3Y0J	W7KWS	R-12	

4W/JH2EUV

Dili / Timor-Leste
CQ ZONE 28 / ITU OC-54
GL: PI21tk



3Y0J Bouvet Island



This was one of the toughest DXpeditions ever. The weather was not cooperative nor was the island. It was difficult for the operators due to limited resources made it to shore. The operation was greatly reduced to only two stations running 100 watts, wire antennas, a small generator, and a single tent. Hauling the equipment and personnel to shore required traversing 150 meters in icy water! They could not get any closer. Operators were sitting on the ground with radios on a bucket turned upside down in the same tent they ate and slept!

It was incredibly easy to work them on 30 meter CW & FT8. When it was our turn the propagation to other parts of the world died out and it was a West Coast Fest! The interesting propagation occurred on the higher frequencies where we copied them on long path. Not good! We had to work through Japan! Though they were not too strong they could hear extremely well. No wonder! No appliances, power lines, the nearest station was over 4,000 miles away and the jammers to the east of us went to bed! Sounds like a great place to move to!

Despite the request to let the little pistols work them for an ATNO many who had Bouvet confirmed are in the log... several times. One operator worked them on almost every band / mode activated and so did others from that country. In spite of this small stations had a difficult time hearing them even without jammers. Their signal was just too weak!

Propagation from JAPAN / ZONE: 25 / Geo Propagation Map

	10m	12m	15m	17m	20m	30m
CW	✓	✓	✓	✓	✓	✓
FT8	✓	✓	✓	✓	✓	✓
SSB	✓	✓	✓	✓	✓	✓

The ratio of QSOs to call signs worked was 2.19 to 1 (18833 / 8608), meaning the operators who worked 3Y0J, on average, worked them a little more than twice. Yes, some only made one contact, however, there were some who made 10! Only around 21% of the stations worked, 1797, were ATNOs as reported on ClubLog.

One interesting fact, the beam heading from California to Bouvet is around 137 degrees while the heading from Bouvet to California is around 266 degrees, not 317 degrees (137+180). The extreme case would be on either the north or south pole. The whole world points north or south while the polar stations must point to any point on the compass and the antipode is the opposite pole which is every direction.

A Facebook message from Ken, LA7GIA:

"We activated Bouvet Island in extremely difficult conditions! Now that we leave Bouvet with mixed feelings, we also know that we did what we could to get Bouvet on the air.

Four members went ashore at Bouvet on 31 January in good conditions to set up the climbing route and install an unmanned zodiac rope system between a buoy and the beach, so that we could land equipment also in rough surf. During the day the surf increased, and the extraction of the team members was aborted, and we were thus stranded on Bouvet late in the evening. During 3 nights we slept outdoors under the open sky in cold and difficult conditions with little or no supplies. We prepared a simple emergency shelter on the island where we stayed (tarp). During the second day we got some supplies in a risky zodiac operation in high swell. We lost several objects in the surf and punctured the zodiac. The conditions on the beach were terrible. Due to the coming storm, we evacuated back to Marama on day 4.

Despite this, we decided to go ahead and scale down DXped. We could not fight against Bouvet, but had to adjust to the weather and go ashore when Bouvet allowed us. We called it "Picolite DXped" as pictures will show you we operated with 100W from a single tent, no chairs and no table, 60m coax, no amp, simple antennas, small generator etc. Our 2 Elecraft K3 radios were stacked on top of a bucket turned upside down, and we sat on the ground operating. All our wet clothes were dried outdoor on the rocks, and we had very limited heating. We went through a storm of 55 knots, but our tent had no problem with the wind force! The spider poles and the DX Engineering antennas also survived the storm w/o any issue.

We only took the equipment we needed, 620 kg in total including supplies. All our supplies to the island were via a rope attached to a buoy 100 meters from shore to beach. All objects were hooked to the line and floated to shore by team members pulling the rope. We named it the gym. The team members also went ashore in survival suits hooked to the line and floating to shore. What an experience!!

Radio Operation: Pileup was difficult as our signals were weak. We had good reception and very often we called 3 to 5 times to log a QSO. Many DXers called us but couldn't hear us, how frustrating! We focused on fewer bands to maximize ATNO and looking at the stats we achieved 19,000 QSOs and 50% unique calls. And many dupes! Many are satisfied, but some are also disappointed by the performance of either the team or the DQRMers. We had issues with the FT8 due to we did not have any device to sync against, and our clock were 14 seconds off - which meant we at some time were TX odd, while we thought it was even.

As for Bouvet, there is no guarantee at all, whether you use two helicopters or zodiac! We could have wanted to make more contacts, but safety was and will always be more important than trying to push our limits in a risky environment. In the coming months, you will be invited to hear more of our stories at conventions and in articles.

A Facebook Message from team member Dave, WD5COV:

DXpeditions to remote frozen islands like Bouvet 3Y0J are extremely dangerous. Bouvet happens to be the most remote island on the planet. More people have flown to outer space than set foot on Bouvet.

On January 31, 2023 I and three others landed on the island. Our mission was to secure our route up the glacier to our camp site and install a buoy and rope system to get gear ashore. Each of us only carried a small bag to the island with extra gloves, socks, and a few personal items. No big deal at the time because the next zodiac run would bring us our essential supplies. Suddenly the seas became very violent and rough. There was no way to get any more gear on the island. Several attempts were made, but the conditions were life threatening for the zodiac team and the resupply mission was aborted. Now we were faced with the fact we had to spend the night on Bouvet island without any shelter, extra cold weather gear, or sleeping bags. The rest of the team was safely aboard the Marama but worried for our safety. We sheltered at the bottom of a narrow ravine which provided some shelter from the wind. We used our waders and rope from our climbing gear to provide some insulation from the cold wet ground. We stacked up the climbing gear bags and our small personal bags across the ravine to provide some protection from the wind. Lastly we deployed our two emergency blankets to lay on. Then we hunkered down for the long cold night. It was bone shaking cold and uncomfortable but we survived the night as probably the only people to sleep under the stars at Bouvet. Actually none of us got much sleep, we would doze off only to be awakened by the cold.

Day two finally came and it was nice to see patches of blue sky amongst all the clouds. We were all exhausted and cold, but the toughest day of my life still lay ahead. While the rest of the team aboard the Marama was busy preparing our zodiac which entailed quite a lot of work, we had time to explore Cape Fie. This tiny sliver of land next to the enormous glacier which covered approximately 95% of the island was very rugged terrain. There was a small penguin colony near the edge of the cliff with Chinstrap, Gentoo, and Emperor species living together. They were fun to watch and photograph.

We surveyed the area and found a semi flat location to erect the tent, and choose some places where we hoped to install antennas. We also found a good location to install the winch system to bring equipment from the beach up to the camp area. While we waited, the sun appeared and we found ourselves catching a most needed nap. Once the zodiac was ready, the team on Marama would communicate with us on the vhf radio and we would coordinate the plan. This was a risky operation trying to land the zodiac, but we needed the basic essentials like food, water, our bags with cold weather gear, sleeping bags, and the tent to survive. The sea was again rough with large swells. This was going to be a fight.

The Marama crew did an Incredible job getting a line to us on the beach. Charles was a skilled and brave zodiac driver. We were wearing our waders in an attempt to stay dry, but the swell was high with waves rushing up the beach all the way to the glacier. The team on Marama loaded the zodiac and tied down all the gear. Next, the Marama crew would use one of the boats zodiacs to tow our zodiac out to the buoy and attach it to the line so we could pull it to shore. With the huge surf and high swell, this was going to test our ability to the limit and beyond. The fight began. The four of us on the beach went over the procedure we planned. We were to pull in the zodiac and anchor the lines. Then unload the gear and secure it at the glaciers edge. As the zodiac neared the beach, we were fighting the swell and the weight of the zodiac loaded with all the gear. This was incredibly difficult and dangerous. We had to time it just right, but Bouvet had different plans.

Once we landed the zodiac on the beach, we had to hold it while at the same time un-tie the straps and ropes securing the gear. The waves kept coming and there was little time to do this. As we battled the next wave would hit and drag the zodiac back out to sea. We would pull it back to the beach and secure the anchors only to have the next wave pull the anchors and zodiac back to sea. This became an ongoing war and during the fight we were all pulled under the sea multiple times. Finally we managed to use a knife to cut loose the gear and stow it next to the glacier. Then the next wave came pounding in. We see our bags of cold weather gear and sleeping bags being washed back to sea. No choice, let go of the zodiac and try to grab our bags near the next breaker.

We got lucky and saved them. We found a ledge on the glacier to secure them so the tide could not grab them and wash them back to sea. The fight intensified. The next wave came blasting in and now the zodiac filled with water. The next wave pulled the zodiac back over the anchor and we heard the rupture. We all dug deep and fought hard. This was one fight we were determined to win. We set the anchors many times securing them with huge rocks. The swell was intense. We used the bag of stakes which weighed 100 pounds and huge rocks together with us pulling the line, but the sea just launched and pulled the anchors and zodiac away. The fight seemed to take hours and hours.

Finally with most of the gear secured on the glaciers ledge, we focused on securing the zodiac. By now we were exhausted, cold, and wet. Still fighting the waves we finally managed to drag the zodiac to the glaciers edge. Then a huge wave rolled in and the four of us held the zodiac with all our might. In the mayhem we could only watch as the sea claimed our tent and bag of stakes washed out in the blink of an eye. They were gone forever. From our climbing gear we used three large stakes driven deep into the beach and secured the zodiac into place. Then we finally secured the loop line anchors. Now it was time to haul our gear to the ravine where we slept the night before. We changed into some dry clothes and had a bite to eat. When I packed my gear for this DXpedition, I included a small two man tent in my duffle bag. Not Bouvet rated, but good enough to keep us out of the wind and rain. We carved out the area at the bottom of the ravine and set up the tent. With our air mattresses and sleeping bags three of us climbed in and enjoyed a warm nights sleep. Ken, also resourceful packed a tarp and erected a nice shelter which kept him dry and warm. This experience told us how hard it would actually be to activate Bouvet. The wildlife on Bouvet consists of seals, penguins, and other bird species. The beach at Cape Fie was occupied by a number of fur seals. They are quite territorial and if you get too close they would show there tusks and teeth as a warning to stay away. If you got too close, they would chase you and try to bite you.

As day one reached dusk and the resupply attempt was aborted due to rough seas, we were walking down the beach toward the ladder to make the short climb up to the glacier. There wasn't much light and I had my parka hood up. Mike AB5EB was a few steps ahead of me and looking back, he yelled "Dave." I knew instantly to run towards him as a fur seal was about to have part of me for dinner! I lunged forward taking three steps falling down on the last, but avoided the beast. We all laughed.

On day two after our fight with the swell and big waves securing the zodiac and setting the loop line, we were happy to have our gear and a chance to rest. Later in the afternoon, the team on Marama prepared two barrels with additional supplies and a container of water. One barrel held four survival suits and the air pump for the zodiac. The other barrel contained trail mix, protein bars, sandwiches, a few oranges, thermoses of hot tea, four cokes, hard boiled eggs, and other miscellaneous items.
oranges.

I arrived back to Marama with team members offering any assistance. They knew we had been through hell and it was a good feeling that my teammates and the Marama crew were there for us. The remaining three were all returned to Marama but in survival suits after seeing how I got drenched. We still intended to activate Bouvet, we weren't giving up. After being stranded 4 days on Bouvet - we decided the DXpedition had to be downscaled. We needed to adapt to the weather at Bouvet and go onshore when Bouvet allowed us during the short weather windows that occurred.

Two days later we went onshore with a minimal amount of equipment: 2 radios, 2 PSU, 2 computers, one tent, 5 antennas, 60m coax, 50 liter of gasoline and one generator, no amplifiers + essential supplies to survive.

73, 3Y0J

[Full Account](#) [Overview](#) [Bouvet Information on DX World](#) [Bouvet FB Page](#)

Thanks to the Bouvet team for their effort, enduring pretty harsh environment and minimal equipment. We hope to see a great presentation in April at the IDXC in Visalia.

Breakdown by Continent

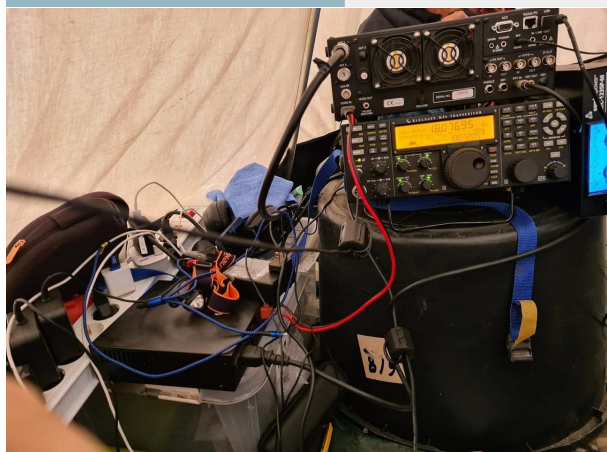
Continent	Total QSOs	%
Africa	313	1.7
Asia	6790	36.0
Europe	7681	40.8
North America	2925	15.5
Oceania	391	2.1
South America	746	4.0
Totals	18846	100.0

DXCC by Band/Mode breakdown

	CW	FT8	SSB	Total
30	81	42	0	81
20	0	22	0	22
17	89	97	48	107
15	96	55	77	106
12	29	0	0	29
10	29	38	0	46
Totals	112	102	79	130

Band/Mode breakdown

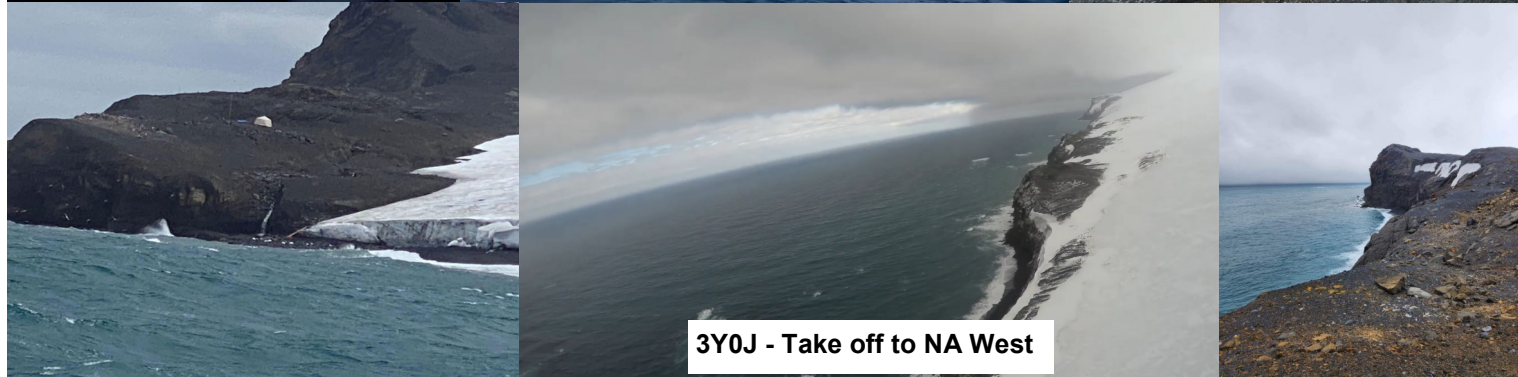
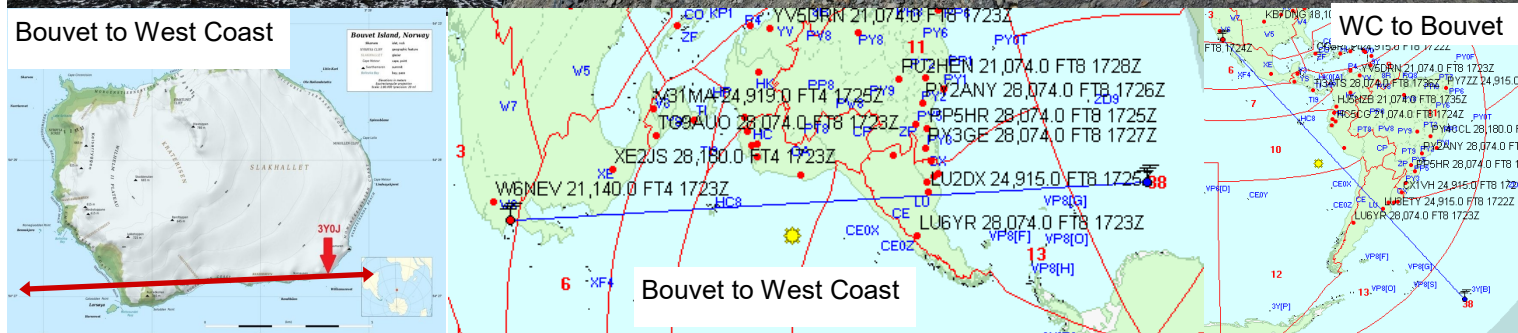
Band	CW	FT8	SSB	Total	Total %
30	3688	985	0	4673	24.8%
20	0	253	0	253	1.3%
17	3675	2901	386	6962	37.0%
15	3676	630	1798	6104	32.4%
12	169	0	0	169	0.9%
10	275	397	0	672	3.6%
Totals	11483	5166	2184	18833	



3Y0J Bouvet Island



Bouvet to West Coast



3Y0J - Take off to NA West

2023 Get Schroeder Contest

1A0	4S	7Q	A3	CE9	E7	FK	GI	HS	KH0	LZ	PJ7	T2	TY	VK9L	VU4	YV0
1S	4U1ITU	7X	A4	CN	EA	FK/C	GJ	HV	KH1	OA	PY	T30	TZ	VK9M	VU7	Z2
3A	4U1UN	8P	A5	CO	EA6	FM	GM	HZ	KH2	OD	PY0F	T31	UA	VK9N	XE	Z3
3B7	4W	8Q	A6	CP	EA8	FO	GU	I	KH3	OE	PY0S	T32	UA0	VK9W	XF4	Z6
3B8	4X	8R	A7	CT	EA9	FO/A	GW	IS0	KH4	OH	PY0T	T33	UA2	VK9X	XT	Z8
3B9	5A	9A	A9	CT3	EI	FO/C	H4	J2	KH5	OH0	PZ	T5	UJ	VP2E	XU	ZA
3C	5B	9G	AP	CU	EK	FO/M	H40	J3	KH6	OJ0	R1F	T7	UN	VP2M	XW	ZB2
3C0	5H	9H	BS7H	CX	EL	FP	HA	J5	KH7K	OK	S0	T8	UR	VP2V	XX9	ZC4
3D2	5N	9J	BU	CY0	EP	FR	HB	J6	KH8	OM	S2	TA	V2	VP5	XZ	ZD7
3D2/C	5R	9K	BV9P	CY9	ER	FS	HB0	J7	KH8S	ON	S5	TF	V3	VP6	YA	ZD8
3D2/R	5T	9L	BY	D2	ES	FR/G	HC	J8	KH9	OX	S7	TG	V4	VP6/D	YB	ZD9
3DA	5U	9M2	C2	D4	ET	FR/J	HC8	JA	KL7	OY	S9	TI	V5	VP8	YI	ZF
3V	5V7	9M6	C3	D6	EU	FR/T	HH	JD1/M	KP1	OZ	SM	TI9	V6	VP8/G	YJ	ZK3
3W	5W	9N	C5	DL	EX	FT5W	HI	JD1/O	KP2	P2	SP	TJ	V7	VP8/H	YK	ZL
3XA	5X	9Q	C6	DU	EY	FT5X	HK	JT	KP4	P4	ST	TK	V8	VP8/O	YL	ZL7
3Y/B	5Z	9U	C9	E3	EZ	FT5Z	HK0/M	JW	KP5	P5	SU	TL	VE	VP8/S	YN	ZL8
3Y/P	6W	9V	CE	E4	F	FW	HK0/S	JX	LA	PA	SV	TN	VK	VP9	YO	ZL9
4J	6Y	9X	CE0X	E5/N	FG	FY	HL	JY	LU	PJ2	SV/A	TR	VK0H	VQ9	YS	ZP
4L	7O	9Y	CE0Y	E5/S	FH	G	HP	K	LX	PJ4	SV5	TT	VK0M	VR	YT	ZS
4O	7P	A2	CE0Z	E6	FJ	GD	HR	KG4	LY	PJ5	SV9	TU	VK9C	VU	YV	ZS8

Chart Legend	
White / Green	Entity Worked This Year by a Member
Black / White	Very Active Entity Not Yet Worked
Black / Blue	Entity with Announced DXpedition
Black / Yellow	Rarely Active Entity Not Yet Worked
Black / Red	Inactive Entity
	Deleted Entity

The bands were smoking this month. In fact, we worked more entities this month than last and only one entity worked in January was not worked in February. That is a first!

Bill, N6RV slid in front of Kent, N6WT. Both have broken 200 along with Bill, N6WS. The rest of the top 5, K6RO, and W6TK, are quickly closing in. The numbers are outstanding! Soon there will be nothing left to work for the year. Maybe we will have to have a band slot contest! BTW 6 meters has been open several times to the Caribbean, South America, and the Pacific. A lot of fun to be had.

Congratulations to Larry, K6RO. After a long period where he moved to Fallbrook and re-modeled his new home, Larry has put up his original tower and antennas. We say that because his plans include a Multi-Multi contest station that will exceed a former Fallbrook resident, K6UA (W6VSS) (SK). Larry is as active as it gets. You da man!

ClubLog leaders have worked 244 entities to our 222. Local members 2 entities behind the members at large, mostly because Peter, N6FW was freezing his buns off on Bouvet. Way to Peter! You rock!

There has been a plethora of DX on this month. When you look at the rare ones with a jaded eye you know times are good. Even if you worked them all you have get into this fray. Conditions are too good. Start over. We do, every year!

2023 Get Schroeder Leaders								
2023 Total Entities Worked								244
2022 Total Entities Worked								286
2023 Entities Worked by SCDXC								222
2022 SCDXC Entities Worked								262
2023 Entities Worked by SCDXC Members in SoCal								220
2022 Entities Worked by SCDXC Members in SoCal								262
2023 ClubLog Leaders Entities Worked								244
2022 ClubLog Leaders Entities Worked								285
2023 SCDXC Leader (N6RV)								40
2022 ClubLog Leader (N6FW)								256
Rank	Call	Entities	Last Mo.	Last Yr	Leader	-Tot	-Q	Uniques
1	N6RV	214	40	-29	8	-77	5	8
2	N6WT	208	-51	-6	14	-71	0	1
3	N6WS	201	-51	-13	21	-64	0	0
4	K6RO	193	8	-21	29	-56	0	3
5	W6TK	175	-76	-39	47	-38	0	0
6	W8GJK	155	-56	-59	67	-18	0	0
7	W6OU	152	-71	-62	70	-15	0	0
8	N6QQ	137	-91	-77	85	0	0	5
9	WA5VGI	137	-85	-77	85	0	1	1
10	N6PM	129	-84	-85	93	8	0	1
11	K6AFW	115	-45	-99	107	22	0	0
12	W6DR	113	-105	-101	109	24	0	0
13	N6DHZ	96	-88	-118	126	41	0	0

ClubLog Worked Not SCDXC

3V	9Q	FO/M	S2	YA
4U1ITU	A2	H4	TU	YI
5N	EY	PJ5	VP2M	Z8
8R	FJ	PJ7	VP6	ZL7
		PY0F	XU	

SCDXC Worked Not ClubLog

SCDXC Get Schroeder Standings 2023																
Rank	Call	180	80	60	40	30	20	17	15	12	10	6	Total	Slots	YRS	
1	N6RV	0	24	4	97	107	121	30	121	55	118	11	212	688	55	
2	N6WT	2	6	3	32	47	84	52	47	45	43	4	208	365	9	
3	N6WS	1	24	12	73	39	101	70	97	104	105	16	200	642	59	
4	K6RO	3	21	24	95	81	133	105	118	123	133	12	190	848	35	
5	W6TK	2	21	15	78	74	120	95	120	90	116	0	174	731	66	
6	W8GJK	0	15	4	46	41	99	85	103	96	84	1	155	574	16	
7	W6OU	0	1	0	7	26	43	31	47	9	23	0	152	187	60	
8	N6QQ	0	0	0	21	69	68	41	56	43	63	4	137	365	66	
9	WA5VGI	9	7	54	18	44	34	55	45	19	17	10	137	312	39	
10	N6PM	0	9	4	38	32	14	5	14	54	60	0	129	230	29	
11	K6APW	0	0	0	69	21	19	23	83	54	65	1	115	335	31	
12	W6DR	11	3	25	30	35	13	31	21	51	42	1	113	263	53	
13	N6DHZ	0	7	0	11	4	22	4	40	8	71	0	96	167	35	
14	N6KA	0	0	0	5	1	17	1	78	0	32	0	88	134	78	
15	W6ZL	0	0	0	21	0	31	2	56	0	64	0	86	174	31	
16	K6GM	0	0	0	0	0	17	0	55	0	24	0	67	96	44	
17	N6FW	1	6	3	6	23	15	7	9	1	11	0	65	82	27	
18	K7MY	0	1	0	9	0	19	0	34	0	42	0	59	105	25	
19	N6SC	0	0	0	2	19	17	12	7	9	15	0	59	81	66	
20	W6SR	0	0	0	4	0	8	0	34	2	22	0	52	70	56	
21	W6BDJJ	0	0	0	25	3	22	5	6	0	16	4	51	81	30	
22	N6BV	2	1	9	9	10	12	3	5	7	11	0	49	69	27	
23	W6YLZ	0	3	4	2	18	2	7	4	12	5	4	49	61	35	
24	N6MG	5	9	0	6	19	8	10	19	17	21	0	47	114	45	
25	W8DX	0	0	0	2	4	19	5	8	2	10	0	33	50	66	
26	K6ND	3	1	2	15	7	15	1	13	4	9	0	32	70	32	
27	K6RC	1	0	0	1	0	1	0	7	1	26	0	32	37	45	
28	N6GP	0	3	0	3	2	6	1	7	13	6	0	26	41	35	
29	K6FOD	0	0	0	0	2	3	0	13	0	3	0	19	21	5	
30	N6PEQ	0	0	0	2	1	1	0	3	0	4	0	9	11	37	
31	K6JW	0	1	0	0	0	3	2	1	0	0	0	7	7	64	
32	WC2S	0	0	0	0	1	2	1	0	1	2	0	6	7	6	
33	NZ6L	0	0	0	1	4	0	0	0	0	0	0	5	5	19	
34	K9TAD	0	0	0	1	0	1	0	1	0	3	0	4	6	16	
35	W6KK	0	0	0	0	0	0	0	0	1	1	0	2	2	28	
36	W6SW	0	0	0	0	0	1	0	0	0	0	0	1	1	44	
37	W6FL	0	0	0	0	0	0	0	0	0	0	1	1	1	63	

What Did We Really Work?

This month several members submitted there list of entities worked in February. January was already listed. As the months roll by you will see what SCDXC members worked each month. Hopefully this will motivated others to get on the air. Sorry for the eye chart. We really did work a lot in the first two months!

Total Jan Feb					Total Jan Feb					Total Jan Feb				
Entity	Prefix	220	185	219	Entity	Prefix	220	185	219	Entity	Prefix	220	185	219
Mauritius Island	3B8	1		1	Armenia	EK	1	1	1	Faroe Islands	OY	1	1	1
Rodriguez Island	3B9	1	1	1	Liberia	EL		1	1	Denmark	OZ		1	1
Central African Republic	3C	1	1	1	Iran	EP	1		1	Papua New Guinea	P2	1		1
Fiji	3D2	1	1	1	Moldova	ER	1	1	1	Aruba	P4	1	1	1
Kingdom of Eswatini	3DA	1		1	Estonia	ES	1	1	1	Netherlands	PA	1	1	1
Viet Nam	3W	1	1	1	Ethiopia	ET	1	1	1	Curacao	PJ2	1	1	1
Guinea	3X	1		1	Belarus	EW	1	1	1	Bonaire	PJ4	1	1	1
Bouvet Island	3Y-B	1		1	Kyrgyzstan	EX	1	1	1	Brazil	PY	1	1	1
Azerbaijan	4J	1	1	1	France	F	1	1	1	Suriname	PZ	1	1	1
Georgia	4L	1	1	1	Guadeloupe Island	FG	1	1	1	Western Sahara	S0	1	1	1
Montenegro	4O	1	1	1	Mayotte	FH	1		1	Slovenia	S5	1	1	1
Sri Lanka	4S	1	1	1	New Caledonia	FK	1	1	1	Seychelles Islands	S7	1	1	1
United Nations HQ	4U1U	1		1	Martinique	FM	1	1	1	Sweden	SM	1	1	1
Timor - Leste	4W	1		1	French Polynesia	FO-F	1	1	1	Poland	SP	1	1	1
Israel	4X	1	1	1	Reunion Island	FR	1	1	1	Sudan	ST	1		1
Libya	5A			1	Saint Martin	FS	1	1	1	Egypt	SU	1		1
Cyprus	5B	1	1	1	Crozet Island	FT8W	1	1	1	Greece	SV	1	1	1
Tanzania	5H	1		1	Wallis & Futuna Islands	FW	1	1	1	Dodecanese	SV5	1	1	1
Madagascar	5R	1		1	French Guiana	FY	1	1	1	Crete	SV9	1	1	1
Togo	5V	1		1	England	G	1	1	1	San Marino	T7	1	1	1
Samoa	5W	1	1	1	Isle Of Man	GD	1	1	1	Palau	T8	1	1	1
Uganda	5X	1	1	1	Northern Ireland	GI	1	1	1	Turkey	TA	1	1	1
Kenya	5Z	1	1	1	Jersey	GJ	1	1		Iceland	TF	1	1	1
Senegal	6W	1	1	1	Scotland	GM	1		1	Guatemala	TG	1	1	1
Jamaica	6Y	1	1	1	Guernsey	GU	1	1	1	Costa Rica	TI	1	1	1
Lesotho	7P	1		1	Wales	GW	1	1	1	Corsica	TK	1	1	1
Malawi	7Q	1	1	1	Hungary	HA	1	1	1	Republic of the Congo	TN	1	1	1
Algeria	7X	1	1	1	Switzerland	HB	1	1	1	Gabon	TR	1	1	1
Barbados	8P	1	1	1	Liechtenstein	HB0	1		1	Chad	TT	1		1
Maldives	8Q	1	1	1	Ecuador	HC	1	1	1	Mali	TZ	1	1	1
Croatia	9A	1	1	1	Haiti	HH	1	1	1	European Russia	UA	1	1	1
Ghana	9G	1		1	Dominican Republic	HI	1	1	1	Asiatic Russia	UA0	1	1	1
Malta	9H	1	1	1	Colombia	HK	1	1	1	Kaliningrad	UA2	1	1	1
Zaire	9J	1	1	1	San Andres Island	HK0-S	1		1	Uzbekistan	UJ	1	1	1
Kuwait	9K	1	1	1	Republic of Korea	HL	1		1	Kazakhstan	UN	1	1	1
West Malaysia	9M2	1	1	1	Panama	HP	1	1	1	Ukraine	UT	1	1	1
East Malaysia	9M6	1	1	1	Honduras	HR	1	1	1	Antigua & Barbuda	V2	1	1	1
Nepal	9N	1	1	1	Thailand	HS	1	1	1	Belize	V3	1	1	1
Burundi	9U	1		1	Vatican	HV	1		1	Saint Kitts & Nevis	V4	1	1	1
Singapore	9V	1	1	1	Saudi Arabia	HZ	1	1	1	Namibia	V5	1	1	1
Trinidad & Tobago	9Y	1	1	1	Italy	I	1	1	1	Brunei	V8	1	1	1
Oman	A4	1	1	1	Sardinia	IS0	1	1	1	Canada	VE	1	1	1
United Arab Emirates	A6	1	1	1	Grenada	J3	1	1	1	Anguilla	VP2-E	1	1	1
Qatar	A7	1	1	1	Guinea-Bissau	J5	1		1	British Virgin Islands	VP2-V	1		1
Bahrain	A9	1	1	1	Saint Lucia	J6	1	1	1	Turks & Caicos Islands	VP5	1	1	1
Pakistan	AP	1	1	1	Dominica	J7	1	1	1	Falkland Islands	VP8-F	1	1	1
Taiwan	BV	1	1	1	Saint Vincent	J8	1	1	1	Australia	VK	1	1	1
China	BY	1	1	1	Japan	JA	1	1	1	Cocos (Keeling) Islands	VK9-C	1		1
Andorra	C3	1	1	1	Ogasawara	JD-O	1	1	1	Norfolk Island	VK9-N	1	1	1
The Gambia	C5	1	1	1	Mongolia	JT	1	1	1	Willis Island	VK9-W	1		1
Bahamas	C6	1	1	1	Jordan	JY	1	1	1	Bernuda	VP9	1		1
Chile	CE	1	1	1	United States	K	1	1	1	Singapore	VR	1	1	1
Easter Island	CE0Y	1	1	1	Gauantanamo Bay	KG4	1	1	1	India	VU	1	1	1
Antarctica	CE9	1	1	1	Mariana Islands	KH0	1		1	Mexico	XE	1	1	1
Morocco	CN	1	1	1	Guam	KH2	1	1	1	Macau	XX9	1		1
Cuba	CO	1	1	1	Hawaii	KH6	1	1	1	Indonesia	YB	1	1	1
Bolivia	CP	1	1	1	Alaska	KL7	1	1	1	Vanuatu	YJ	1	1	1
Portugal	CT	1	1	1	US Virgin Islands	KP2	1	1	1	Latvia	YL	1	1	1
Madeira Islands	CT3	1	1	1	Puerto Rico	KP4	1	1	1	Nicaragua	YN	1		1
Azores	CU	1	1	1	Norway	LA	1	1	1	Romania	YO	1	1	1
Uruguay	CX	1	1	1	Argentina	LU	1	1	1	El Salvador	YS	1	1	1
Angola	D2	1	1	1	Luxembourg	LX	1	1	1	Serbia	YU	1	1	1
Cape Verde	D4	1	1	1	Lithuania	LY	1	1	1	Venezuela	YV	1	1	1
Federal Republic of Germany	DL	1	1	1	Bulgaria	LZ	1	1	1	Zimbabwe	Z2	1	1	1
Philippines	DU	1	1	1	Peru	OA	1	1	1	North Macedonia	Z3	1	1	1
North Cook Islands	E5-N	1	1	1	Lebanon	OD	1	1	1	Kosovo	Z6	1	1	1
South Cook Islands	E5-S	1	1	1	Austria	OE	1	1	1	Albania	ZA	1		1
Bosnia-Herzegovina	E7	1	1	1	Finland	OH	1	1	1	Gibraltar	ZB2	1	1	1
Spain	EA	1	1	1	Aland Island	OH0	1		1	U K Bases on Cyprus	ZC4	1		1
Balearic Islands	EA6	1	1	1	Czech Republic	OL	1	1	1	Saint Helena	ZD7	1	1	1
Canary Islands	EA8	1	1	1	Slovakia	OM	1	1	1	Cayman Islands	ZF	1	1	1
Ceuta & Melilla	EA9	1	1	1	Belgium	ON	1	1	1	New Zealand	ZL	1	1	1
Ireland	EI	1	1	1	Greenland	OX	1	1	1	Paraguay	ZP	1	1	1
										Republic of South Africa	ZS	1	1	1

Deleted ARRL DXCC Entities

Did you know that France colonized part of India? Read on and discover this interesting story.

Prefix	Entity	Cont	Zone	UTC	Location	Prefix
			ITU	CQ	+/- Lat Long	
DL	Federal Republic of Germany	EU	28	14	1 52N 7E	Y2-9 DM
DM	German Democratic Republic	EU	28	14	1 53N 13E	
EA9	Ifni	AF	37	33	0 29N 10W	
FF	French W Africa	AF	46	35	0 15N 18W	FB8
FH	Comoros	AF	53	39	3 12S 43E	
FI8	Fr Indo China	AS	49	26	7 11N 107E	
FN8	French India	AS	41	22	5.5 12N 80E	
FQ8	Fr Equatorial Africa	AF	47, 52	36	1 5N 18E	

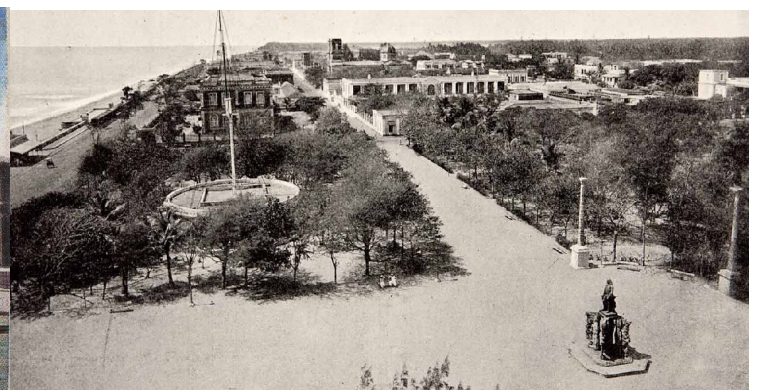
French India

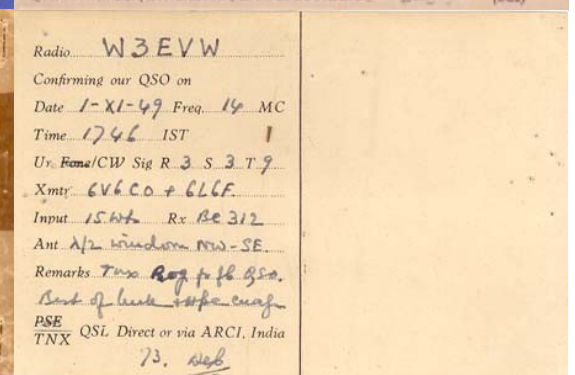
France had 5 small enclaves in what is today modern India. They were established much in the manner that British did. First, a French company would build a factory and then France would station soldiers there to “protect” them. The enclaves were Pondichery, Karikal, Yanaon, Mahe, and Chandernagor. France also put several trading posts in other villages.

The French trading companies began to appear in the mid-1600s. The first colony was established in 1673 at Pondichery, then Yanon, and Karaikal in the 1700s. In 1741 France attempted to establish a territorial empire and was met with strong resistance from the British, effectively ending their hopes. Subsequently the French and British had skirmishes over the next 110 years.



The Independence movement and ultimately the independence of India put the kibosh on any attempt for France to hold the colonies. At the same time France was going through the “Why do we have colonies?” debate and ultimately most of the French possessions reverted back to original owners. Fortunately, the Antarctic possession stayed under their being no one lived there to start with. We do not know why Guadeloupe Island, Saint Martin, and others remain a department of France. Maybe they voted to stay with their benefactor. The question stands, why do some possessions become separate entities and what happened to them? Other than the DXCC rules there are some places that fit in the criteria but are not given separate status (e.g. The Pribilof Islands though it is 200 miles from any other US land.) That might be a good article to write.





Free Tower (W6HB)

The family of W6LFE (SK) is offering the following to anyone who can come to safely remove it.

Tri-Ex HZN-354 55 ft. Motorized tower

HyGain TH-11DX Yagi

Yaesu G-1000DXA Rotator and controller

The items are installed at the QTH of W6LFE in West Hills. There is no hurry. The house will not go on the market until the spring. Stephan Shobe, W6SKS, (SoCal Tower guy) has inspected the items.

You are welcome to contact family member Lee Aurich at 510-332-6350 or lee@aurich.com at your convenience.



Very Good Antenna System Needs New Home (W6HB)

Offered for sale at a reasonable offer to dismantle and take down is a Tashjian LM-470 Motorized Crank up tower including the antennas. Tower and antennas are in operating, safe condition. Included in the sale will be the tower, a 4 Element SteppIR DB36 antenna with the 80M option and works on 6M to 80M. The antenna is controlled by SDA 100 Controller. The Rotor is a heavy duty M2 Antenna Systems Model No: OR2800PXAZ with a RC2800PX Programmable RS232 Control Unit. On the mast is also a 5 Element VHF/UHF Yagi. Crowning the top is a Comet CX 333 VHF/UHF Vertical Base antenna for 2M/440 and 220 use. All control cables and feedlines, and Controllers from the shack to the antenna are part of the deal and are included. The concrete base of the tower is not required to be removed.

Buyer is responsible for and must be able to professionally, safely dismantle, take down and haul away the system as described above once a Cash only or Bank Certified Check agreement is reached.

Serious interested parties can contact me W6BUX by email if any clarification is needed or if there are any questions.

M.V. Magnet Pacific Voyage (N6RV)

George Wallner, AA7JV built this DXpedition vessel. It is designed to house the operators on the boat while dropping off two Radio in Box Systems (RIBS) on the DX entity. The system contains a radio, amplifier, antennas, and power and cooling. It is linked back to the boat. He built a custom craft much like a landing craft to pull up on the beach and within seconds they are ready to operate two stations. The possible designator should be mobile. The craft has wheels and everything is contained on the vehicle. He is heading out to the Pacific for a year, hitting many islands. [DX Engineering Interview](#) [DX World](#) [AA7JV on QRZ](#)



Resource Page

Useful Sites

N0HR DXpedition Map
www.n0hr.com/wk34/

The DX Zone
www.dxzone.com/catalog/DX_Resources/

The Daily DX
www.dailydx.com/

Announced DX Ops
www.ng3k.com/misc/adxo.html

DXing.info
www.dxing.info/dxpeditons/

DX 425 News
www.425dxn.org/dxped/

DX Italia DX News
www.marioi2mqp.it

DH9SB Weekly DX Calendar
<http://www.dx-info.de>

Southern California Contest Club
<http://www.socalcontestclub.org/>

Sixth District QSL Bureau
www.QSLBureau.org

Propagation

Wahoo! Even with the lower numbers propagation was good. The lowest we saw in the past month was 135 and the highest was 215, if you do not count the 343 number. All things consider that is better than years past.

Strongest Cycle Ever?
Biggest Cycle?

Understanding Indices - K9LA

What to Expect During the Rising Years of Solar Cycle 25 - YouTube

The Termination Event | Space-weather.com

ARRL VE Exam Sessions

To find an ARRL exam sessions in your area go to the website:

<http://www.arrl.org/find-an-amateur-radio-license-exam-session>

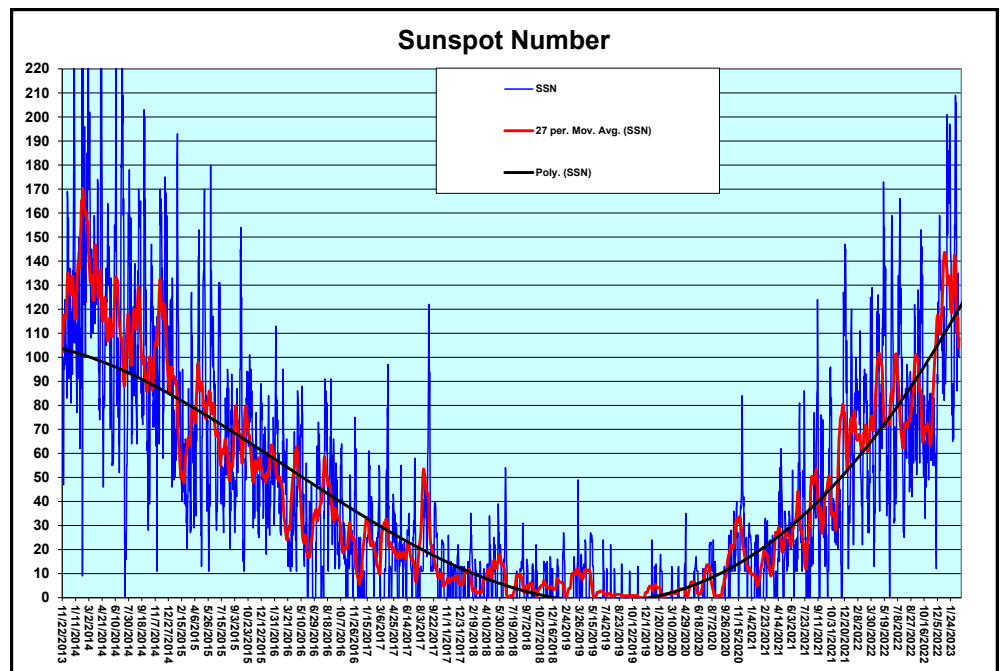
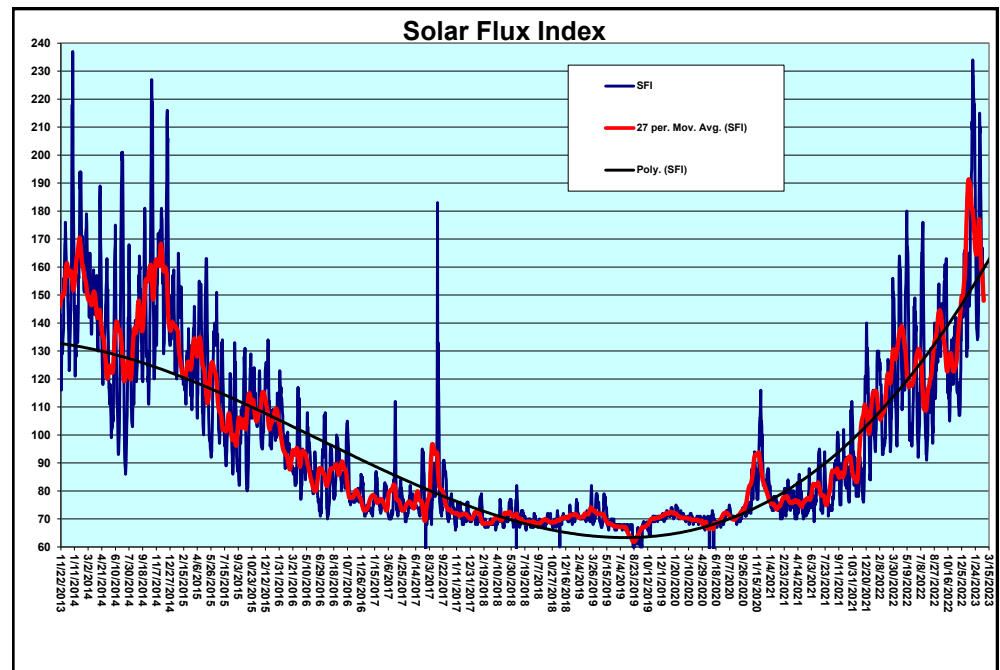
Club and Conduct Sites

Officer Guidelines

http://www.scdxc.org/download/Officer_Guidelines.pdf

DX Code of Conduct

<http://www.dx-code.org/>





Store	E-mail	Direct	Toll Free	Fax
Anaheim	ana@hamradio.com	1-714-533-7373	1-800-854-6046	1-714-533-9485
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